

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kitson et al.

SERIAL No. Unassigned

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TITLE: LIQUID CRYSTAL ALIGNMENT

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GROUP NO.: Unassigned

Assistant Commissioner For Patents
Washington, D.C. 20231

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DAVID L. BARNES
Name
[Signature]
Signature

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the application as follows:

IN THE CLAIMS

All of the claims, whether amended or not, are shown below for the convenience of the Examiner.

1. (Amended) A liquid crystal device comprising a first cell wall and a second cell wall enclosing a layer of liquid crystal material;
electrodes for applying an electric field across at least some of the liquid crystal material; and a surface alignment structure on the inner surface of at least the first cell wall providing a single desired alignment to the liquid crystal director, wherein the said surface alignment structure comprises a two dimensional array of upstanding features which are at least one of shaped and orientated to produce the desired alignment; but not including any device in which the surface alignment structure comprises a sinusoidal bigrating.

2. (Amended) A device as claimed in claim 1, wherein the features have a height